

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of :  
Hwa Sung RHEE et al. : Attn: Applications Branch  
Serial No. (New) : Attorney Docket No. SEC.891D  
Filed: July 16, 2003 :  
For: SEMICONDUCTOR DEVICE HAVING HETERO GRAIN STACK GATE AND  
METHOD OF FORMING THE SAME

**INFORMATION DISCLOSURE STATEMENT**  
**(SUBMISSION WITH CONTINUATION-IN-PART OR**  
**RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449 form(s), attached hereto.

**II. REFERENCES PREVIOUSLY CITED OR SUBMITTED**

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number

U.S. Filing Date

10/086,565

March 4, 2002

III. FEES

This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-0238.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 50-0238 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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Dated: July 16, 2003

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant(s)

Hwa Sung RHEE et al.

Filing Date

July 16, 2003

Group Art Unit

T Be Assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	6,180,499	01/30/1999	YU			
	B	6,096,614	08/01/2000	WU			
	C	5,670,397	09/23/1997	CHANG et al.			
	D	6,468,888 B1	11/2002	Bin YU			
	E	6,373,112 B1	04/2002	Anand MURTHY			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.